

GIS Source:

Threatened and Endangered Species	VA Department of Game & Inland Fisheries, 2004
Threatened Streams	VA Department of Game & Inland Fisheries, 2004
Impaired Streams	VA Department of Environmental Quality, 2003
100-year Floodplain	FEMA, 2002 and VHB, 2004
Public Wells/Springs	VA Department of Health, 2002
Water Facilities	VDOT, 2003
Wetlands	VHB, 2004



Potential Impacts to
Natural Resources
I-81 Corridor

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Potential Impacts to Natural Resources:

I-81 Exit 156 to Exit 188



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I-81 Exit 156 to Exit 188

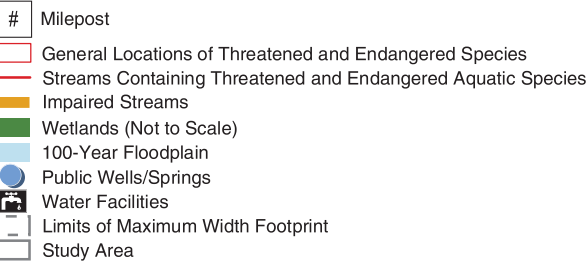
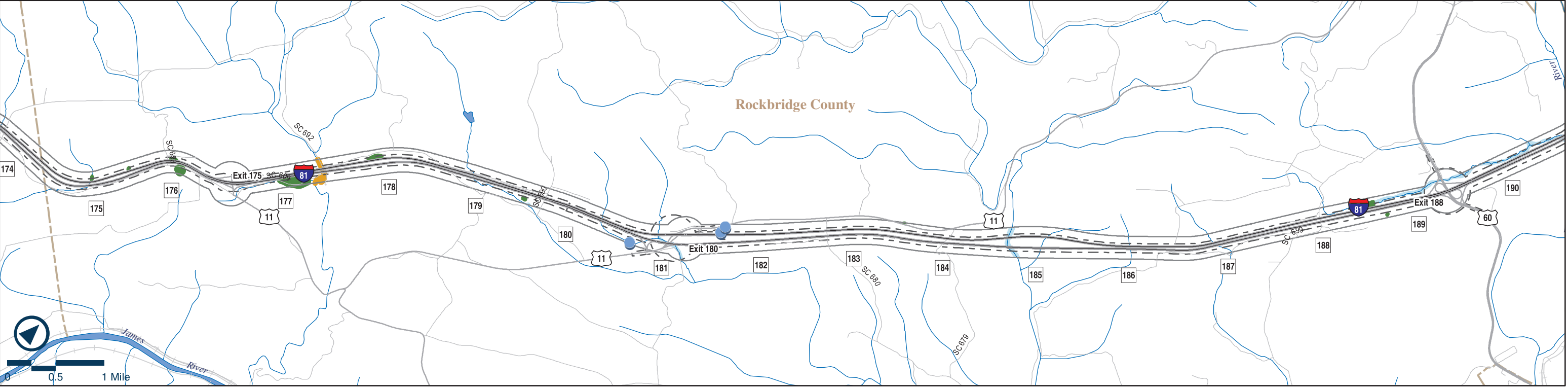
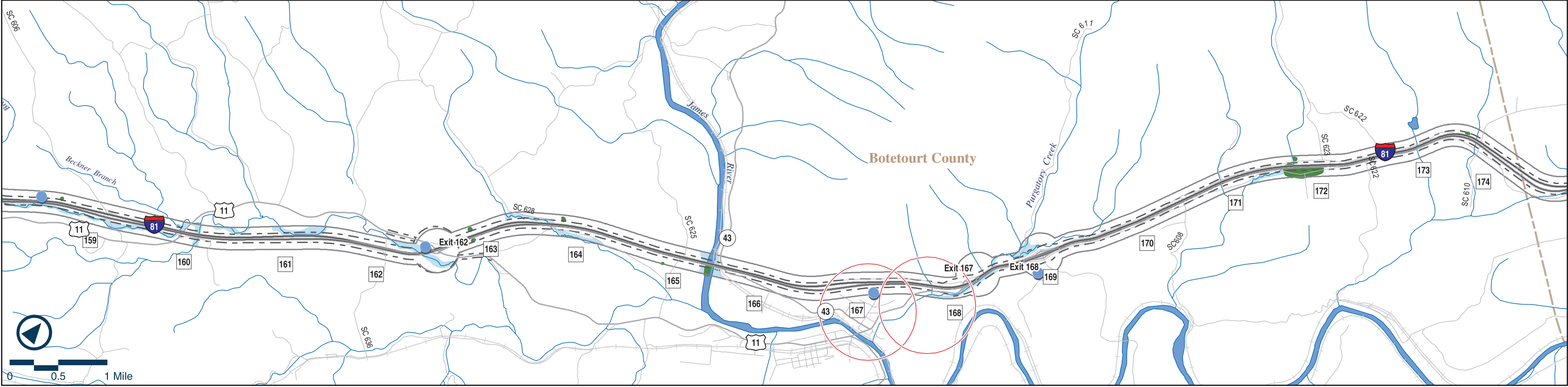
Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	0.4	1.4	0.3	2.6
Streams (lf)	18,120	24,213	17,798	28,848
T/E Species	2	2	2	2
100-Year Floodplain (ac)				
Beckner Branch	33.6	47.2	32.6	54.3
James River and Purgatory Creek	18.5	20.2	18.5	28.6
Drinking Water Facilities				
Public Wells	4	4	4	5

Total potential impacts are for I-81 only. Rail corridor potential impacts are summarized in text.

Legend: (ac) = acres

(lf) = linear feet

T/E = Threatened and Endangered



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Public Wells/Springs	VA Department of Health, 2002
Water Facilities	VDOT, 2003
Wetlands	VHB, 2004



Potential Impacts to
Natural Resources
I-81 Corridor

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Potential Impacts to Natural Resources:

I-81 Exit 188 to Exit 220



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I-81 Exit 188 to Exit 220

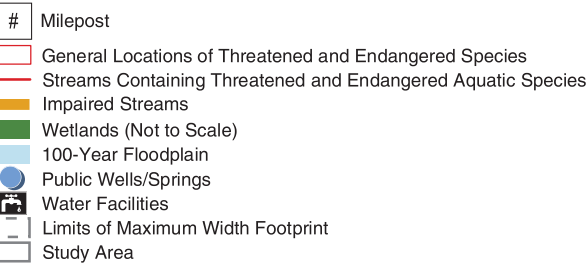
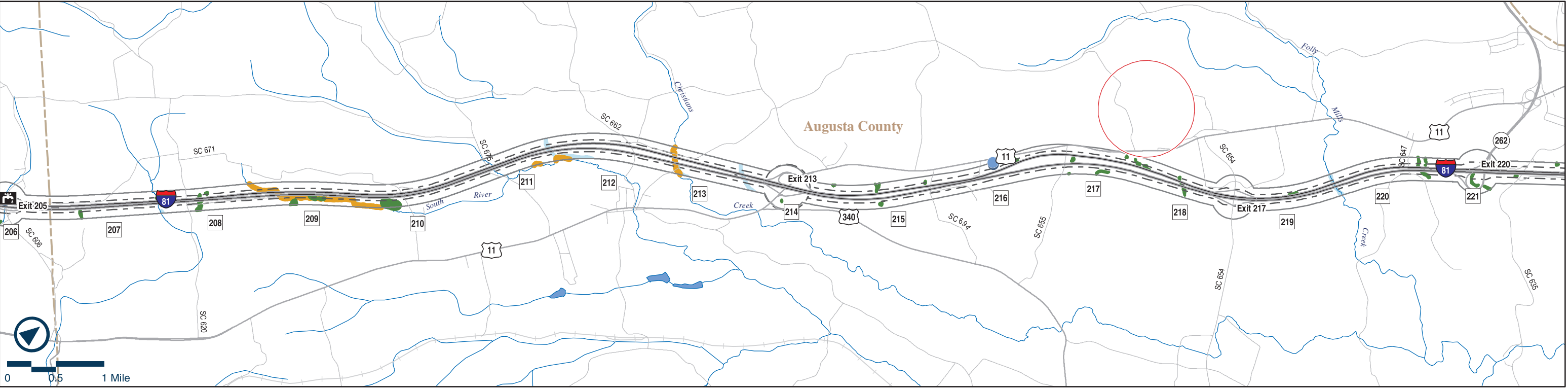
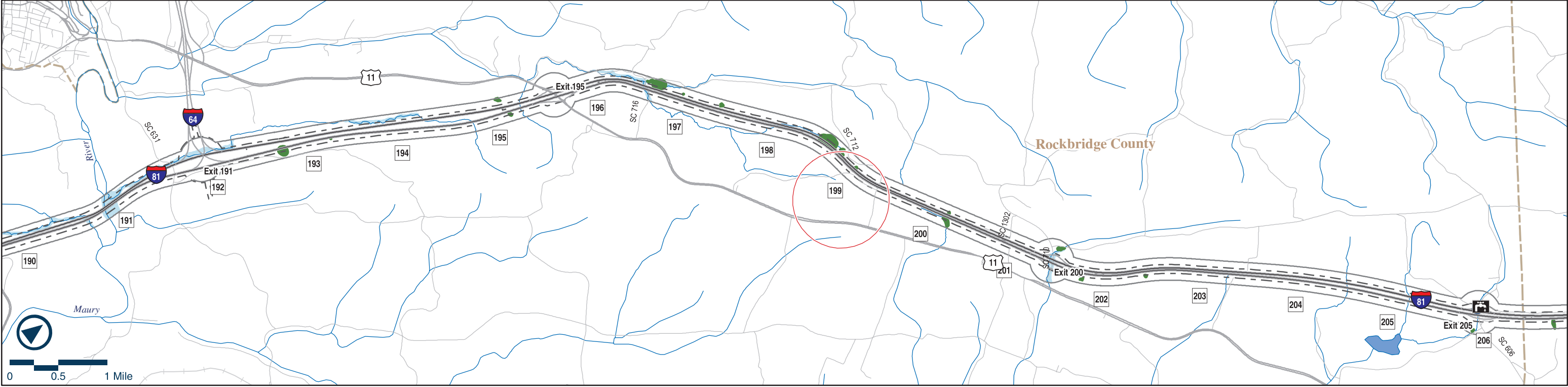
Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	1.5	6.0	1.5	6.0
Streams (lf)	13,060	16,533	12,787	20,321
T/E Species	1	1	1	1
100-Year Floodplain (ac)				
Maury River	36.1	37.1	36.2	48.2
South River	11.8	15.2	10.9	15.2
Drinking Water Facilities				
Maury Service Authority Pump	1	1	1	1
Public Wells	1	1	1	1

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100-year Floodplain	FEMA, 2002 and VHB, 2004
Public Wells/Springs	VA Department of Health, 2002
Water Facilities	VDOT, 2003
Wetlands	VHB, 2004



**Potential Impacts to
Natural Resources
I-81 Corridor**

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Potential Impacts to Natural Resources:

I-81 Exit 220 to Exit 251



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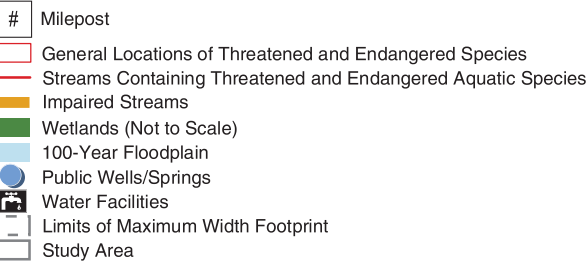
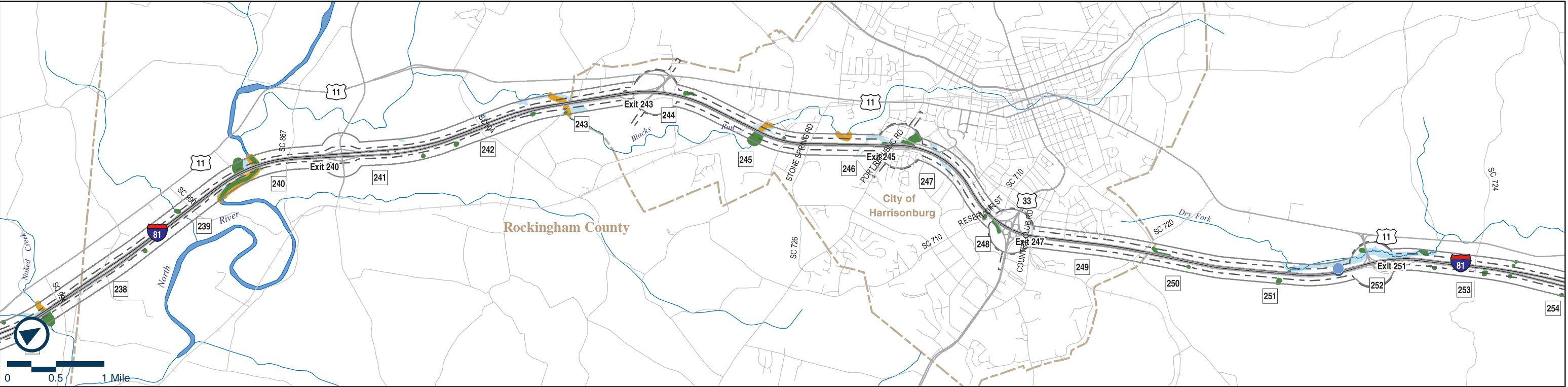
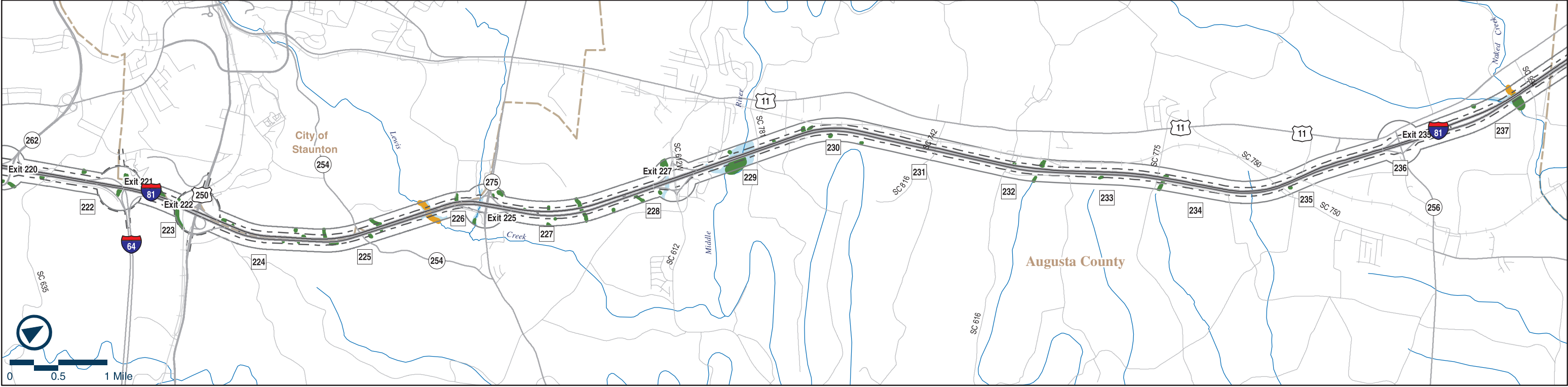
I-81 Exit 220 to Exit 251

Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	8.2	12.1	8.2	12.7
Streams (lf)	10,243	15,348	9,979	15,893
Trout Streams	1	1	1	1
100-Year Floodplain (ac)				
Lewis Creek	12.8	16.9	11.9	16.9
Middle River	11	24.6	10.9	24.6
Naked Creek and North River	7.9	18.1	6.8	18.1
Dry Fork	12.9	17.8	12.9	17.8
Drinking Water Facilities				
Public Wells	1	1	1	1

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Public Wells/Springs	VA Department of Health, 2002
Water Facilities	VDOT, 2003
Wetlands	VHB, 2004



Potential Impacts to
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I-81 Corridor

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Potential Impacts to Natural Resources:

I-81 Exit 251 to Exit 283



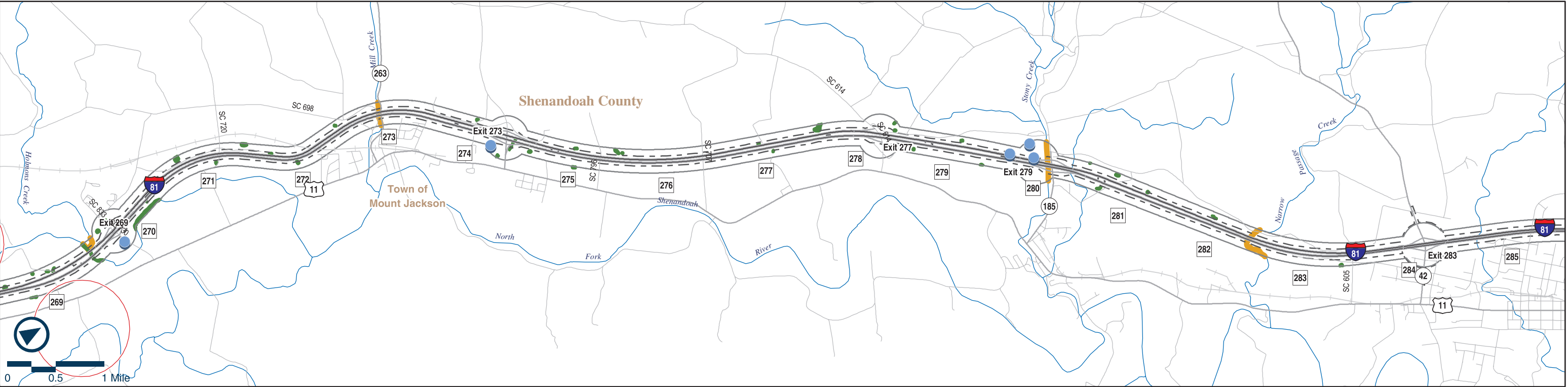
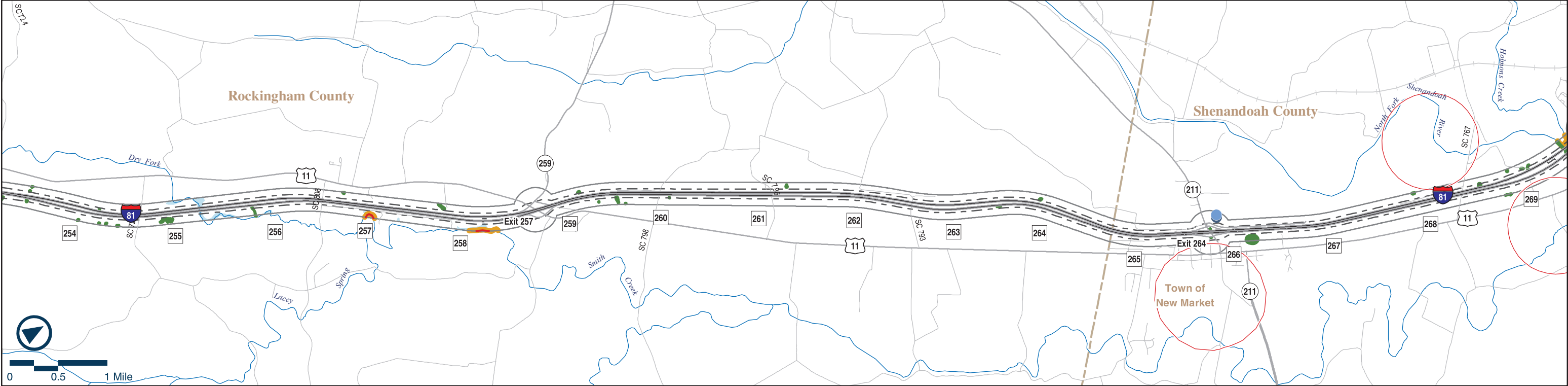
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I-81 Exit 251 to Exit 283

Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
Wetlands (ac)	0.4	0.4	0.4	1.2
Streams (lf)	3,004	3,395	2,880	3,950
100-Year Floodplain (ac)				
Dry Fork	18.2	22.2	18.2	22.2
Drinking Water Facilities				
Town of Mt. Jackson Pump	1	1	1	1
Public Wells	2	2	2	2

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Legend: (ac) = acres
(lf) = linear feet



- # Milepost
- General Locations of Threatened and Endangered Species
- Streams Containing Threatened and Endangered Aquatic Species
- Impaired Streams
- Wetlands (Not to Scale)
- 100-Year Floodplain
- Public Wells/Springs
- Water Facilities
- Limits of Maximum Width Footprint
- Study Area

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Wetlands	VHB, 2004



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I-81 Corridor**

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